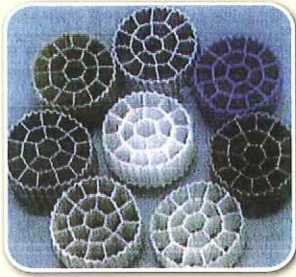


Moving Bed Bio Reactor (MBBR)

TTP MBBR is a new and efficient biofilm reactor, which has many characteristics such as anti-load ability, high treatment efficiency and long sludge age which means less surplus sludge, good removal effect of nitrogen and phosphorus, no sludge bulking and other benefits. Nowadays, MBR has a large-scale popularization and application.

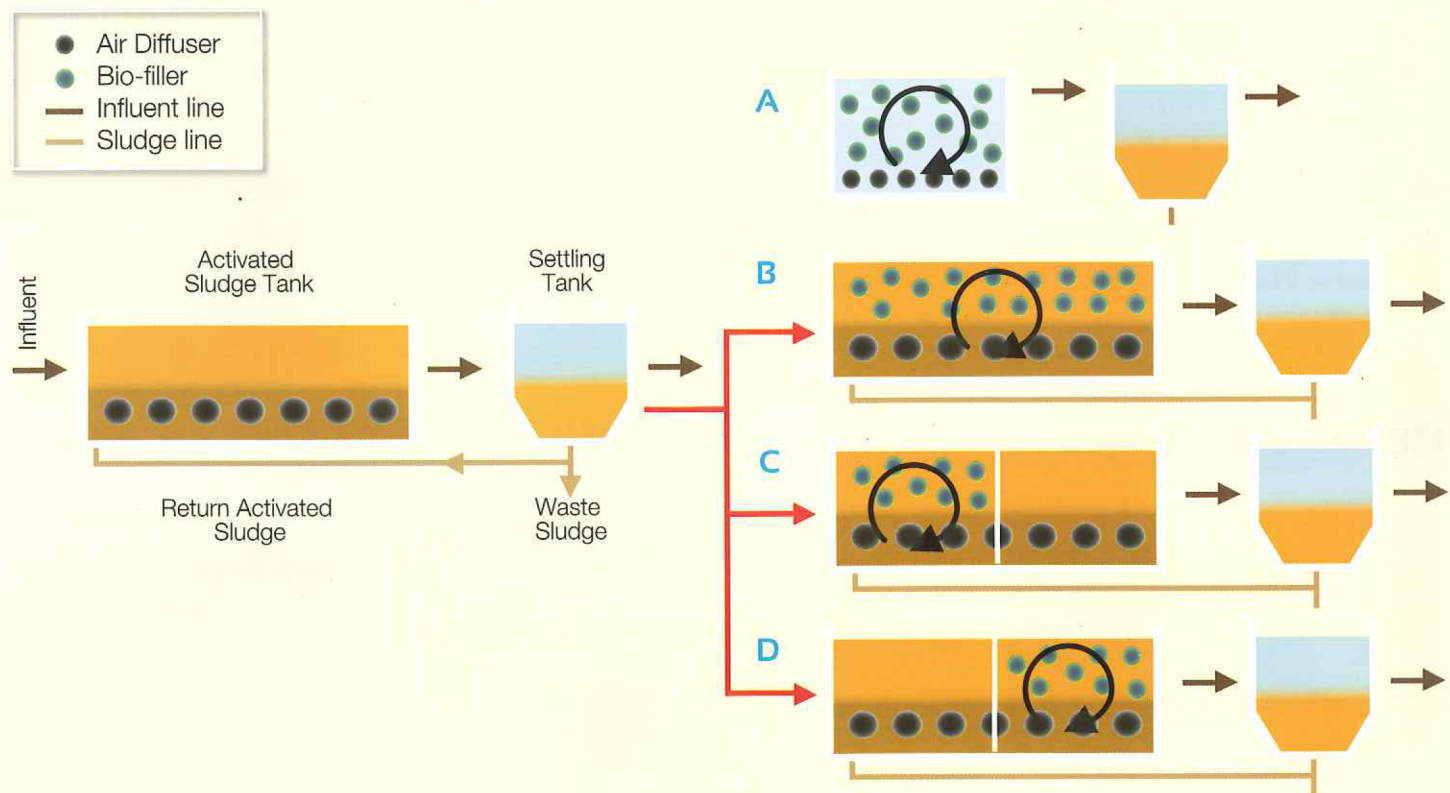


Application

- Upgrading existing wastewater treatment plant to improve treatment quality standard
- New Sewage Treatment Project MBBR and techniques of biological filtration
- Treated water reuse
- River treatment: denitrification, dephosphorization
- Remove ammonia-nitrogen for water purification

Application Industry

Urban sewage, power, pharmaceutical, chemical, electroplating, metallurgy, medicine, machinery, paper making, printing and dyeing, food processing, aquaculture, leachate wastewater, etc.



Benefits and Advantages

- A MBBR method - land saving, low energy consumption
- B MBBR Activated Sludge Combination - Increase treatment capacity
- C MBBR Pre-Treatment Method - Increase high biological shock loading
- D MBBR Post Treatment Method - Increase treatment effluent quality

MBBR is easily adaptable to existing plant and is suitable for upgrading of existing plant (for water treatment and recycling application) due to increase load